

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/627,954
Filing Date	July 25, 2003
First Named Inventor	James D. Browning
Art Unit	
Examiner Name	
Attorney Docket Number	BAT 0021 VA/40078.231

Sheet 1 of 4**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ME	/	US- 5,837,785	11/17/1998	Kinsho et al.	
ME	/	US- 4,724,253	02/09/1988	Cavitt et al.	
ME	/	US- 4,533,715	08/06/1985	Lee et al.	
ME	/	US- 4,491,538	01/01/1985	McCoy	
ME	/	US- 4,373,008	02/08/1983	Emmons et al.	
ME	/	US- 4,299,867	11/10/1981	Emmons et al.	
ME	/	US- 4,279,793	07/21/1981	Wellner et al.	
ME	/	US- 4,043,956	08/23/1977	Hutton et al.	
ME	/	US- 3,963,680	06/15/1976	O'Keefe et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ³ Number ⁴ Kind Code ² (if known)				
ME	/	DE 100 26 148 A	12/07/2000	Kansai Paint Co. Ltd.		/
ME	/	WO 98 50444 A	11/12/1998	DuPont		/
ME	/	EP 0 969 030 A	01/05/2000	BASF Corp.		/
ME	/	EP 0 976 771	02/02/2000	Shinetsu Chemical Co.		/
ME	/	DE 196 28 309 A	01/15/1998	Hoechst AG		/
ME	/	EP 0686 654 A	12/13/1995	BASF Corp.		/

Examiner
SignatureDate
Considered

7/8/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/627,954
Filing Date	July 25, 2003
First Named Inventor	James D. Browning
Art Unit	
Examiner Name	
Attorney Docket Number	BAT 0021 VA/40078.231

Sheet 2 of 4

NON PATENT LITERATURE DOCUMENTS

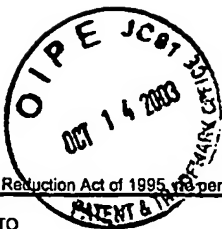
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MF	/	SHELL RESINS, EPON Resin 828, 2/99	/
MF	/	Epoxy Curing Agents and Modifiers; Air Products and Chemicals, Inc. 1998 (2 pgs.)	/
MF	/	SEKI, K., Amine Epoxy Resin Curing Agent Offers Versatility; Modern Paint and Coatings, March 1995, pgs. 36-40	/
MF	/	MEEUS, F., New developments in ambient cure epoxy resins for high performance industrial coatings; JOCCA, 1990, pgs. 186-192	/
MF	/	SCHNEBERGER, G.L., Using Solvents Effectively; Industrial Paint & Powder, Sept. 1999, pgs. 38-42	/
MF	/	INCOZOL 2, OXAZOLIDINE MOISTURE SCAVENGER; Industrial Copolymers Limited, England, (6 pgs.)	/
MF	/	SHELL RESINS, HELOXY 62 Modifier; Shell Chemical Company (4 pgs.)	/
MF	/	Formulating Acrylate Modified Epoxy/Amine Coatings; SARTOMER Application Bulletin, Exton, PA, Feb. 1996, (9 pgs.)	/
MF	/	DRAKE, R., FEATURE High Performance Adhesives, Structural Adhesives Technology: Two Decades of Enduring Progress; Adhesives Age, June 1998, pgs. 26-29	/
MF	/	DOUBLE EXPOSURE, Air Products' Advanced Technologies Meet Needs of Changing Marketplace; Adhesives Age, Feb. 1998, pg. 34	/

Examiner Signature		Date Considered	7/8/05
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/088 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/627,954
Filing Date	July 25, 2003
First Named Inventor	James D. Browning
Art Unit	
Examiner Name	
Attorney Docket Number	BAT 0021 VA/40078.231

Sheet	3	of	4
-------	---	----	---

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MF	/	AIR PRODUCTS, Ancamine 2280 Curing Agent; Products and Chemicals, Inc. 1998, (6 pgs.)	/
MF	/	AIR PRODUCTS, Epoxy Curing Agents and Modifiers, Ancamide 2386 Curing Agent; Air Products and Chemicals, Inc., April 1997, pgs. 1-9	/
MF	/	HOLM, R.T., Ketimines as Latent Epoxy Curing Agents; Journal of Paint Technology, Vol. 39, No. 509, June 1967, pgs. 385-388	/
MF	/	EPON Curing Agents, Specification and Property Guide; Shell, 1986, (3 pgs.)	/

Examiner Signature		Date Considered	7/6/05
--------------------	--	-----------------	--------

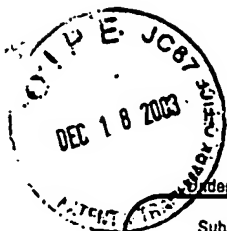
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/627,954
Filing Date	July 25, 2003
First Named Inventor	James D. Browning
Art Unit	
Examiner Name	
Attorney Docket Number	BAT 0021 VA/40078.231

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,837,785	11/17/1998	Kinoshita et al.	
		US- 4,724,253	02/09/1988	Cavitt et al.	
		US- 4,533,715	08/06/1985	Lee et al.	
		US- 4,491,538	01/01/1985	McCoy	
		US- 4,373,008	02/08/1983	Emmons et al.	
		US- 4,299,867	11/10/1981	Emmons et al.	
		US- 4,270,793	07/21/1981	Wellner et al.	
		US- 4,043,956	08/23/1977	Hutton et al.	
		US- 3,963,680	06/15/1976	O'Keefe et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

Dupl. lines

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 100 26 148 A	12/07/2000	Kansai Paint Co. Ltd.		
		WO 98 50444 A	11/12/1998	DuPont		
		EP 0 969 030 A	01/05/2000	BASF Corp.		
		EP 0 976 771	02/02/2000	Shinetsu Chemical Co.		
		DE 196 28 309 A	01/15/1998	Hoechst AG		
		EP 0686 654 A	12/13/1995	BASF Corp.		

Examiner
SignatureDate
Considered

7/8/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known			
		Application Number	10/627,954		
		Filing Date	July 25, 2003		
		First Named Inventor	James D. Browning		
		Art Unit			
		Examiner Name			
Sheet	2	of	4	Attorney Docket Number	BAT 0021 VA/40078.231

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SHELL RESINS, EPON Resin 828, 2/00	
		Epoxy Curing Agents and Modifiers; Air Products and Chemicals, Inc. 1998 (2 pgs.)	
		SEKI, K., Amine Epoxy Resin Curing Agent Offers Versatility; Modern Paint and Coatings, March 1995, pgs. 36-40	
		MEEUS, F., New developments in ambient cure epoxy resins for high performance industrial coatings; JOCCA, 1990, pgs. 186-192	
		SCHNEBERGER, G.L., Using Solvents Effectively; Industrial Paint & Powder, Sept. 1999, pgs. 38-42	
		INCOZOL 2, OXAZOLIDINE MOISTURE SCAVENGER; Industrial Copolymers Limited, England, (6 pgs.)	
		SHELL RESINS, HELOXY 62 Modifier; Shell Chemical Company (4 pgs.)	
		Formulating Acrylate Modified Epoxy/Amine Coatings; SARTOMER Application Bulletin, Exton, PA, Feb. 1996, (9 pgs.)	
		DRAKE, R., FEATURE High Performance Adhesives, Structural Adhesives Technology: Two Decades of Enduring Progress; Adhesives Age, June 1998, pgs. 26-29	
		DOUBLE EXPOSURE, Air Products' Advanced Technologies Meet Needs of Changing Marketplace; Adhesives Age, Feb. 1998, pg. 34	

Examiner Signature		Date Considered	7/8/05
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DEC 18 2003

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/627,954
Filing Date	July 25, 2003
First Named Inventor	James D. Browning
Art Unit	
Examiner Name	
Attorney Docket Number	BAT 0021 VA/40078.231

Sheet

3

of

4

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		AIR PRODUCTS, Ancamine 2280 Curing Agent; Products and Chemicals, Inc. 1008, (6 pgs.)	
		AIR PRODUCTS, Epoxy Curing Agents and Modifiers, Ancamide 2386 Curing Agent; Air Products and Chemicals, Inc., April 1997, pgs. 1-9	
		HOLM, R.T., Ketimines as Latent Epoxy Curing Agents; Journal of Paint Technology, Vol. 39, No. 509, June 1967, pgs. 385-388	
		EPON Curing Agents, Specification and Property Guide; Shell, 1986, (3 pgs.)	

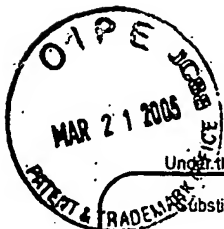
Duplicates

Examiner Signature		Date Considered	7/16/06
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet	1	of	1	Application Number	10/627,954
				Filing Date	July 25, 2003
				First Named Inventor	James D. Browning
				Art Unit	1712
				Examiner Name	
				Attorney Docket Number	BAT 0021 VA2/40078.231

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MF		US- 6,221,998	4-24-2001	Okuhira et al	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	7/8/05
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.